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Aerospace Medicine

HARZARD COMMUNICATION



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This instruction implements 29 CFR 1910.1200, Hazard Communication (HAZCOM)-, and Air Force Occupational Safety and Health (AFOSH) Standard (Std) 161-21, Hazard Communication. Guidance herein applies to units and tenants assigned to Ramstein Air Base (AB) that handle or use hazardous materials as defined in Federal Standard 313, Materials Furnished to Government Activities, and AFOSH Std 161-21. This instruction applies to all supported units that receive supplies, safety-, or bioenvironmental engineering flight support from Ramstein AB.

SUMMARY OF REVISIONS

This document is substantially revised and must be completely reviewed.

1. Purpose. This instruction is intended to reduce occupational illnesses and injuries by informing employees of the hazards associated with, and proper preventative measures to be taken when, using or handling hazardous materials. It applies to all military and civilian employees, and foreign nationals of the Air Force as established by the Status of Forces Agreement.

2. Roles and Responsibilities. General responsibilities for units involved in the HAZCOM Program are found in AFOSH Std 161-21. Specific responsibilities regarding implementation of this program are addressed below.

2.1. Bioenvironmental Engineering Flight (86 AMDS/SGPB)

2.1.1. Determine HAZCOM compliance (see [Attachment 1](#)) during routine occupational health surveys or as requested by work center supervisor.

2.1.2. Assist supervisors in obtaining material safety data sheets (MSDS) for chemicals used in the work center.

2.1.3. Evaluate new activities for hazardous material (HAZMAT) usage requirements. Determine potential health hazards presented by the HAZMAT and assign the proper issue exception code.

2.1.4. Review hazardous material requests to determine health risks to workers. Periodically brief the base or Ramstein AB Combined Safety Council on HAZCOM compliance/trends.

2.2. Hazardous Material Pharmacy (86 LRS/LGRD)

2.2.1. Ensure an MSDS is on hand prior to issuing hazardous material.

2.2.2. Maintain list of chemicals authorized for use by work center.

2.2.3. Upload MSDS data into environmental management information system (EMIS) or equivalent for all HAZMAT received.

2.2.4. Maintain the MSDS master file of all chemicals as required by AFOSH Std 161-21 and Federal Standard 313.

2.3. Public Health (86 AMDS/SGPM)

2.3.1. Conduct train-the-trainer requirements of the Federal HAZCOM Program.

2.3.2. As requested, assist work center supervisors in training their personnel.

2.3.3. Approve training content and methods.

2.3.4. Maintain proactive disease and injury surveillance program to know the status of worker safety and health outcomes. Periodically brief the base Combined Safety Council on occupational illness trends.

2.4. Wing Ground Safety (86 AW/SEG)

2.4.1. Incorporate the elements of the HAZCOM Program into the requirements reviewed under the annual safety inspection/evaluation and no-notice "spot" inspection programs prescribed by AFI 91-202, USAF Mishap Prevention Program.

2.4.2. Inform the work center supervisor and 86 AMDS/SGPB of any discrepancies noted during inspections of HAZCOM compliance.

2.5. Base and Unit Supply Sections

2.5.1. Deny receipt of any HAZMAT, which is not properly labeled in accordance with AFOSH Std 161-21 or for which there is no MSDS on file.

2.5.2. Forward all HAZMAT local purchase requests to the HAZMAT Pharmacy to obtain authorization. This should be accomplished before forwarding the request to contracting.

2.6. Base Contracting Services (USAFE CONS/LGC):

2.6.1. Comply with requirements of Federal Acquisition Regulation (FAR) 52.223-3 - Hazardous Material Identification and Material Safety Data, Defense Federal Acquisition Regulation (DFAR) 252.223-7001 - Hazard Warning Labels and USAFE FAR Supplement 5352.223-9101 - Hazardous Materials Management when contracting with any US or Foreign Firm.

2.6.2. Ensure 86 AMDS/SGPB is included on the contract distribution list. MSDSs must be submitted to HAZMAT Pharmacy (86 LRS/LGRDMH) and 86 AMDS/SGPB (Bldg 2182; Fax: DSN 479-2212) prior to any HAZMAT being physically brought onto the base.

2.7. Wing, Group, or Unit Safety/ Health Representatives

2.7.1. Maintain a file of all regulations and directives pertaining to the HAZCOM program. Receive guidance from 86 AMDS/SGPM on how to provide training for work area specific hazards to those in the work center.

2.7.2. Keep commanders informed on the status and operation of the HAZCOM program.

2.8. Commanders

2.8.1. Ensure the work area HAZCOM binder is maintained in each workplace where HAZMAT is used. Make binders available to contractors working in or around chemical storage/usage areas.

2.8.2. Ensure all personnel, both military and civilian, are fully trained on the HAZCOM program within 30 days of assignment to work area.

2.9. Workplace Supervisor

2.9.1. Maintain a HAZCOM binder (see template in [Attachment 2](#)).

2.9.2. Ensure specific procedures for handling/use of hazardous chemicals are briefed to workers.

2.9.3. Conduct self-inspections of your HAZCOM program as needed (See [Attachment 1](#)). Maintain a copy of these inspections in Tab F of the work center HAZCOM binder.

2.9.4. Ensure all personnel, both military and civilian, are fully trained on the HAZCOM program within 30 days of assignment to work area. All training should be document on AF Form 55 or equivalent.

2.9.5. Review MSDSs as needed to ensure the most current version is available to workers.

ERWIN F. LESSEL III, Brigadier General, USAF
Commander

Attachment 1

A1.1. HAZARD COMMUNICATION PROGRAM COMPLIANCE CHECKLIST

Specific Compliance Requirements with References
A3.1. Hazard Communication Binder: A3.1.1. Does work center have hazard communication binder set up with tabs A-F? (REFERENCE: RABI 48-105)

A1.2. Does tab A contain: A3.1.2.1. AFOSH Std 161-21, Hazard Communication A3.1.2.2. RABI 48-105, Written Hazard Communication Program

A1.3. Does tab B contain the chemical inventory that lists: A3.1.3.1. Manufacturer? A3.1.3.2. Nomenclature? A3.1.3.3. Part number/military specification?

A1.4. Does tab C contain Bioenvironmental Engineering Occupational Health Assessment letters (for the past 10 years)? A3.1.5. Does tab D contain all the required MSDSs or a cross-reference indicating their location? (REFERENCE: RABI 48-105).

A1.5. Does tab E contain: A3.1.6.1. List of all non-routine tasks (jobs performed less than quarterly)? A3.1.6.2. Operating instructions for non-routine tasks or cross-reference indicating their location? A3.2. Training: A3.2.1. Has supervisor received supervisory training from public health? (REFERENCE: AFOSH Std 161-21, paragraph 5e). A3.2.2. Has supervisor annotated training on AF Form 55, Record of Training? (REFERENCE: AFOSH Std 161-21, paragraph 5e). A3.2.3. Have employees been trained on any new hazardous materials brought into the shop before using them, and on all hazardous materials at least annually? (REFERENCE: AFOSH Std 161-21 and 29 CFR 1910.1200). A3.3. Labeling: A3.3.1. Has supervisor ensured all hazardous material containers are labeled, tagged, or marked properly? (REFERENCE: AFOSH Std 161.21 and 29 CFR 1910.1200). A3.3.1.1. Are labels marked with product name? A3.3.1.2. Are labels marked with name of manufacturer? A3.3.1.3. Are labels marked with manufacturer's address? A3.3.1.4. Are labels marked with manufacturer's phone number? A3.3.1.5. Are labels marked with hazard warnings? A3.4. Emergency Response: A3.4.1. Does the shop have an emergency response plan that addresses respiratory protection and other PPE requirements, employee notification-, and evacuation procedures? (Reference: AFOSH Std 161-21 and 29 CFR 1910.1200). A3.5. Worker Knowledge: A3.5.1. Can a randomly selected worker describe what the Hazard Communication program is and identify the location of the work center Hazard Communication binder? A3.5.2. Can a randomly selected worker locate the MSDSs for any of the hazardous materials used in the shop?

Attachment 2**A2.1. WORK CENTER HAZARD COMMUNICATION PROGRAM BINDER TEMPLATE****Table Of Contents:**

Tab A:1. AFOSH Std 161-21, Hazard Communication.

2. 86 AWI 48-21, Hazard Communication.

3. Any additional workplace-specific HAZCOM procedures (as required by AFOSH Std 161-21).

Tab B:Hazardous material inventory. The inventory will consist of the:- National Stock Number- Manufacturer- Nomenclature- Part number/mil spec (The EMIS Authorized User Listing fulfills this requirement)

NOTE: Updated chemical inventory every time a new chemical is introduced in the shop and every time a chemical is deleted from the shop.

Tab C:Bioenvironmental Engineering Routine Workplace Assessments and Special Surveys.

Tab D:List of all MSDSs or a cross-reference indicating their location (must be within the work area).

Tab E:List of all non-routine tasks (jobs performed less than quarterly).Operating Instructions for non-routine tasks or a cross-reference indicating their location.**Tab F:**Copy of most recent Hazard Communication Program Compliance Checklist.